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Product Quality Assurance

Carry out quality checks of goods during
their receiving, production and shipment
in Microsoft Dynamics 365 Business Central
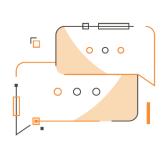
Product Quality Assurance

App for Microsoft Dynamics 365 Business Central

Product Quality Assurance allows you to carry out quality checks of goods during their receiving, production and shipment in Microsoft Dynamics 365 Business Central.

Do you want to perform quality inspection of raw materials, semi-finished and finished products? Do you need to manage inspection devices? Do you want to draw up inspection plans, to carry out inspection orders and record the results.? Do you need to evaluate your vendors?

How it works

Thanks to the Product Quality Assurance app:

- the system will automatically generate inspection orders by applying the plans and test types set in the setup pages.

- by setting classification codes and assigning scores you can make the system generate the vendor rating.

- with a quick setup you can make the system generate Non-Compliance if the parameters go out of the correct range.
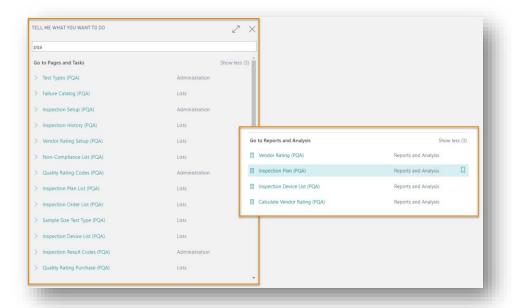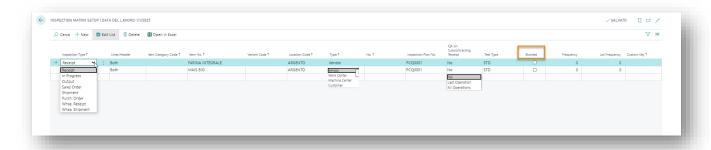
Quick Guide

Ready to go in a few steps:

1. Enter the Setup
2. Set the Inspection Plans
3. Enter the Inspection Matrix Setup
4. Create Inspection Orders and Non-Compliance Orders
5. Perform the Vendor Rating

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Product Quality Assurance - SUMMARY

Press ALT + Q and digit PQA" for a summary of the involved features:

Inspection Matrix Setup (PQA)

This setup allows you to decide when is to create an **automatic** inspection order. After generating a setup line it is possible to disable it, if necessary twith the flag **Blocked.**.
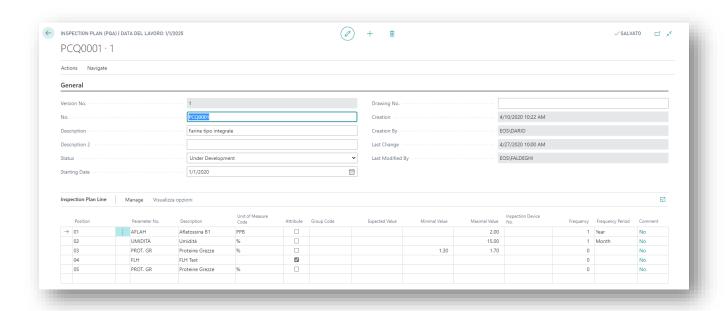

Inspection Plan List (PQA)

In this page we need to define whichi s the inspection plan to be used and its frequency. in which you need to specify parameters to be considered while testing goods and also you need to enter the expected values. Then you can choose the devices to be used in the checks.

It is possible to assign a status to the Inspection Plan. The status specifies if it is possible to use the plan. The options are:

Status	Description
New	If the plan is new (first time you create it)
Certificate	If the plan is certificate and therefore usable
Under Development	If the plan is under development and therefore not yet usable
Closed	If the plan is not usable, but accessible as history

Sample Size Test Type (PQA)

In Sample Size Test Type (PQA) you can specify the dimenson of the samples to be tested and the number of piaces that may be non-compliant.
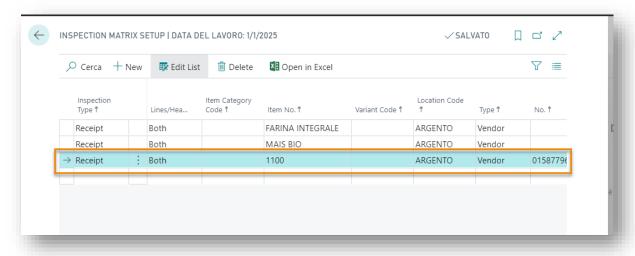
Inspection Order: automatic creation

In the Inspection Order LIst there are orders generated automatically by the system depending on the setup that was set in the Inspection Matrix Setup.
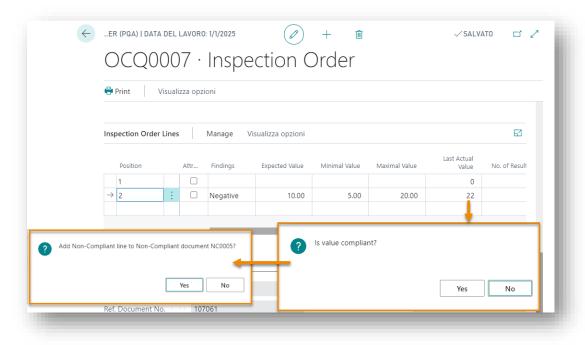
Example: if we post a receipt for an Item, depending on the matrix setup, in the inspection order list we will automatically find a NEW order relating to the recorded receipt: **the system applies the inspection plan and the type of tests indicated.**

Automatic Non-Compliance creation from Inspection Order

After checking the user can enter values in the field **Last Actual Value** on the inspection order's lines.

If the entered value is outside the range maximum / minimum value set in setup, the system asks whether to create a Non-Compliance.

The Non-Compliance shows (Tab "Reference") all data related to the original document which generated the inspection order and then the Non-Compliance.
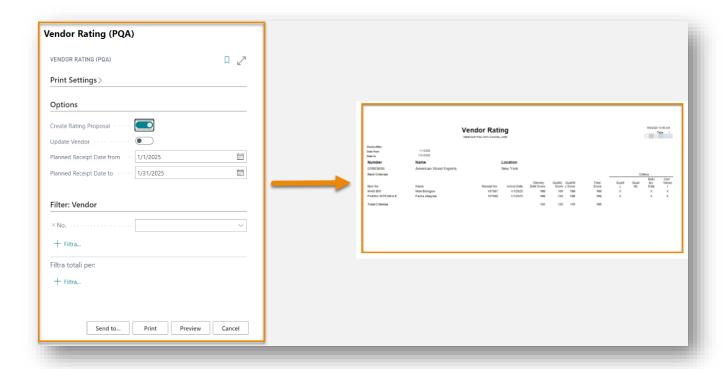
In Lines the Non-Compliance shows the parameter out of range. If another parameter is out of the correct range and requires the creation of a Non-Compliance, in the Non-Compliance already generated the system will add a line.

N.B.

Both the Inspection Order and the Non-Compliance can be generated manually by the user.

Vendor Rating (PQA)

Considering parameters such as Date / Quantity / Quality you can generate the **vendor rating**:

Subscription

Some features of the Product Quality Assurance app require a subscription.

The subscription can be activated from Subscription control panel or directly from the notification messages that the system proposes, by clicking on the link that allows you to start the subscription wizard

Contact us for more info:

www.eos-solutions.it/en/contact-support.html